

Forklift Mast Roller

Mast Rollers for Forklift - The lift truck mast is an integral component of the forklift's framework. These forklifts or forklift vehicles are industrial equipment used to pick up and transfer materials.

The vertical assembly responsible for lowering or raising cargo is called the mast. A lift truck mast consists of interlocking rails that provide lateral stability. These rails are guided by rollers or brushings.

The masts on forklifts utilize metal plates in order to transport merchandise and are powered by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this case is oil. Hydraulic cylinders that connect directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated by way of a lever within the cab or positioned in the area of the lift truck which houses the forklift control parts and the worker.

A swing mast is a forklift mast that can swing 90 degrees in one direction. The design enables the swing mast to work efficiently in constricted aisles.